

Test Notes

Test Procedure/Task: Rev: Issue: DWP #: WO #: Title:				Test Date/Time: 04/09/09			
Site/Program: CCAFS/Delta II		Location: Battery Lab - DII		Mission: STSS_BLOCK_201 0		Effectivity:	
Creator: Dehestani, Nahid Phone: 321-853-5235		Work Group: Engineering Electrical		Shift: 1		Note Created: 04/09/09 1725 Note Updated:	
Title of Test: STSS Block 2010 Battery Processing							
Description of Test							
<p>Due to unplanned fire alarm event around 11:00 AM today, charging operation was interrupted manually for 40-0396 (1sys1) and 40-0398 (2sys1) Generated Test Variation DCI's 142163 (M593-DCI 3) and 142168 (M595-DCI 2) Restarted charge operation on the noted batteries in the afternoon (13:30)</p> <p>Completed "Step 2 Charge" on 1st stg batteries; Total Amp-Hour input were:</p> <p>40-0396 (1sys1) ~ 9.33 AH (step 1) + 2.74 (step 2) = 12.07 AH 40-0397 (1sys2) ~ 8.11 AH (step 1) + 4.49 (step 2) = 12.60 AH</p> <p>Ref: M593 and M594, R39, Task 1</p> <p>Completed "Step 1 Charge" on 2nd stg batteries; Amp-Hour input are:</p> <p>40-0398 (2sys1) ~ 146 minutes @ 3.5 amps = 8.52 Amp-Hours 40-0399 (2sys2) ~ 128 minutes @ 3.5 amps = 7.47 Amp-Hours</p> <p>Ref: M595 and M590, R39, Task 1</p>							
CCN: WDK2LXXX Hours: 8							
Attachments							

Test Notes

Test Procedure/Task: LPD-V015 T2 Rev: 79 Issue: 1 DWP #: 138630 WO #:				Test Date/Time: 04/09/09 0630	
Title: Guidance Control Qualifications Non-DMCO					
Site/Program: VAFB/Delta II		Location: Launch Pad (SLC2)		Mission: STSS_BLOCK_201 0	
Creator: McCarty, Mike Phone: 805-606-6340 x2318/6		Work Group: Operations		Shift: 1	Note Started: 04/09/09 1124
Title of Test: TC Notes: V15T2 Guidance Control Quals					
Description of Test					
Time	H/A	Description			
0630		ALCS turn on in work			
0700		Pretest briefing. Comm ch 5 for V15T2; V13T1 ch 6 and ch 7 for SC equipment hoist			
0750		Fire alarm in RLCC - personnel clearing RLCC- vehicle is powered -- SS TM; RIFCA turn on in work			
0810		Cleared to return to RLCC following fire alarm activated by security police for exercise. Proceeding with vehicle power up - no unexpected vehicle alarms.			
0815		Pad status amber for hoist.			
0830		FS/ SS TM powered; RIFCA power up in work. Items 2-16 are complete. Picking up with item 17 FS He system and N2 preps			
0835		Complete with item 17; proceeding with item 18 Engine Box Relay Box test			
0850		Complete thru item 18; continuing with item 19 Redundant MECO FIPS Verification			
0930		Complete with item 19			
1020		Continuing with item 21 FLSS Verification			
1022		Complete with item 21 continuing with item 22 FLSS MECO Enable verifications			
1034		Item 25 FS P&C Redundancy cks in work			
1037		Item 25 complete; proceeding with Item 26 Ordnance Enable Arm cks in work			
1039		Item 26 complete. Item 27 VECO and Disarm checks in work			
1041		Items 23-24 Engine valve sequence securing and FIPS flex hose securing in work			
1102		Starting item 28; complete thru item 27 Range safety VECO and Disarm cks			
1130		Complete thru Item 28 CRD Single Point Arm Output checks			
1150		N2 bottle and LOX tank press in work for leak ck DCI VLCD DCI P3015			
1240		SS Control System Internal Redundancy cks in work			
1255		Item 33 Static Navigation test in work. V13T1 facility preps complete. Anomolous condition exists with guidance air. Further details not available. Uncertain if guidance air will be available to support V13T1			
1325		Complete thru Item 35; item 36 Quick Sequence with Ord Arm Bus off in work			
1412		Item 37 Normal Quick Sequence Test in work			
1447		Item 37 complete; Item 38 Min All Fire Sequence test in work			
1511		Complete thru item 38 awaiting shift change for item 39 Minimum All fire Cross Bus Test			
1543		Complete with item 39 continuing with 40			
1555		Complete with item 40 Minimum all Fire RACS test. Item 41 Min all fire securing in work			
1557		Item 43 SS N2 System Venting in work			
1625		Vehicle power securing complete			

Time	H/A	Description
1632		ALCS securing in work
1645		ALCS securing complete
CCN:		
Hours:		

Test Notes

Test Procedure/Task: LPD-V023 T5				Test Date/Time:	
Rev: 80		Issue: 1		DWP #: 124159	
WO #:				04/09/09 1100	
Title: Solid Motor Grain Inspection					
Site/Program: VAFB/Delta II		Location: Launch Pad (SLC2)		Mission: STSS_BLOCK_201	
				0	
Creator: Neal, Jeffrey		Work Group: Engineering Propulsion		Effectivity:	
Phone: 805-606-6340 x2418		Shift: 1		Note Created: 04/09/09 1701	
				Note Updated:	
Title of Test: SRM nozzle solvent wipes					
Description of Test					
<p>Pre-spacecraft erection SRM nozzle solvent wipes are complete.</p> <p>No new indications were observed and there was no change in any previously detected and documented indications.</p>					
CCN: WDK2LVTL-0					
Hours: 2					
Attachments					

Test Notes

Test Procedure/Task: Rev: Issue: DWP #: WO #: Title:				Test Date/Time: 04/09/09 1530			
Site/Program: VAFB/Delta II		Location: Launch Pad (SLC2)		Mission:		Effectivity:	
Creator: Hillier, Ed Phone: 805-606-6340 x2209		Work Group: Tech Services Group		Shift: 1		Note Created: 04/09/09 1815 Note Updated:	
Title of Test: SLC-2 TSG FIRST SHIFT							
Description of Test							
<p>DELTA:</p> <ul style="list-style-type: none">• V158 T1/3 DAILY FACILITY CHECKS -----COMPLETE• MAINTENANCE SUPPORT & 71 WORK ORDERS -----ACTIVE WITH MISC WORKORDERS• ENVIRONMENTAL COMPLIANCE / CAL LAB / LPD PARTS PULL SUPPORT -----ACTIVE AND ON GOING• HYDRO LAB ----- ACTIVE AND ON GOING• A/C / PROOFLOAD / MACHINE SHOP SUPPORT -----ACTIVE WITH MISC A/C / MACHINE SHOP ITEMS, SEE CHAMBLESS TEST NOTES FOR PROOFLOAD AREA <p>STSS ATTR:</p> <ul style="list-style-type: none">• V42 T2 DAILY VEHICLE CHECKS -----COMPLETE• V48 T1 AGE & VEHICLE TURN-ON/TURN-OFF -----COMPLETE, 2ND SHIFT WILL ROS• V86 T5 S/C A/C SYSTEM CHECKOUT & LAUNCH SET-UP -----ACTIVE• V86 T4 INTEGRATED A/C SYSTEM VERIFICATION -----ACTIVE• V56 T2 VDS CALIBRATION -----ACTIVE MONITORING SYSTEM WHICH IS FUNCTIONING NOMINALLY• V15 T2 AVIONICS CHECKOUT -----ACTIVE, 2ND SHIFT WILL ROS• V18 T1 SECURE FLEX HOSES (ITEM 62-4) -----COMPLETE• WHITE ROOM S/C PERSONNEL ESCORT -----ACTIVE A/R, 2ND SHIFT WILL ROS• VLCD DCI F7011 MST 20 TON EXTERIOR CRANE DRUM GEAR ALIGNMENT -----COMPLETE• VLCD DCI P3015 LOX TANK CENTER SECTION LEAK CHECK -----COMPLETE• VACD DCI F7268 LOCATE S/C PLATFORMS TO LVL 6 -----COMPLETE• V132 T4 S/C MATE TO PAF -----COMPLETE, SEE ENG TEST NOTES (KELMAN)• V13 T1 LOX LEAK CHECK PREPS -----COMPLETE• V91 T12 / T27 / T6 PUMP LOW & HIGH PRESS GN2 / HIGH PRESS HELIUM -----COMPLETE• V23 T5 S/M NOZZLE WIPE PRIOR TO S/C ERECTION -----COMPLETE <p>PROPULSION:</p> <ul style="list-style-type: none">• VACD DCI P3340 CONFIGURE FLEX HOSES FOR V11 T1 -----COMPLETE <p>ED HILLIER / RAY ALCAMO</p>							
CCN: Hours:							
Attachments							

Test Notes

Test Procedure/Task: LPD-V132 T4 Rev: 17 Issue: 1 DWP #: 124163 WO #: Title: S/C Mate (To Payload Attach Fitting)(PAF)				Test Date/Time: 04/09/09			
Site/Program: VAFB/Delta II		Location: Payload Processing Facility		Mission: STSS_BLOCK_201 0		Effectivity:	
Creator: Kelman, Sam Phone: 805-606-6340 x2229/6		Work Group: Engineering Mechanical		Shift: 1		Note Created: 04/09/09 1848 Note Updated:	
Title of Test: S/C Mate To PAF							
Description of Test							
<p>Completed mate of S/C to the PAF. All four bolts are at flight tension.</p> <p>Fantastic job by the joint crews, thanks for working through the normal lunch break to complete final tensioning.</p>							
CCN: Hours:							
Attachments							

Test Notes

Test Procedure/Task: DCI - Hdwe Anom-V015 T1 R:79 I:1 DCI 006 Rev: Issue: 1 DWP #: 142148 WO #: Title: Ordnance Resistance Measurement High				Test Date/Time: 04/09/09			
Site/Program: VAFB/Delta II		Location: Launch Pad (SLC2)		Mission: STSS_BLOCK_201 0		Effectivity:	
Creator: Grahek, Mike Phone: 805-606-6340 x2120		Work Group: Engineering Electrical		Shift: 1		Note Created: 04/09/09 1852 Note Updated:	
Title of Test: Trouble Shoot ADOTS P244 High Measurement							
Description of Test							
<p>Performed Trouble Shooting on P244 SM FL IGN channel. Disconnected P244 and measured 3.4 ohms into vehicle Ord circuit, SSTRD limit is 3.53 ohms. Measured resistance of ADOTS cable is 0.503 ohms, ADOTS program file is set for a 0.130 ohm cable resistance.</p> <p>-Conclusion: Vehicle resistance verified good at 3.4 ohms, problem is in GSE ADOTS cable, it has a higher resistance than ADOTS program file is set for. Will need to either revise ADOTS software for higher cable resistance, or at a later date continue trouble shooting to isolate source of higher resistance in ADOTS cable. DCI may be transferred to VACD for final disposition.</p>							
CCN: WDK2LVTA Hours: 1							
Attachments							

Test Notes

Test Procedure/Task: Rev: Issue: DWP #: WO #: Title: V15T2				Test Date/Time: 04/09/09 0700				
Site/Program: VAFB/Delta II		Location: Launch Pad (SLC2)		Mission: STSS_BLOCK_201 0		Effectivity:		
Creator: LeVey, Dale Phone: 321-476-3006		Work Group: Engineering Electrical			Shift: 1		Note Created: 04/09/09 2004 Note Updated:	
Title of Test: Guidance and Control Qualification Non DMCO								
Description of Test								
<p>Completed V15T2 no new problems noted. Had reoccurrence of V15T1 H.A. DCI 6, high pin(hi) to pin(lo) resistance on P244 SM GD SEP circuit. Did not have failure in the pretest check, but did in the post test check. Performed troubleshooting, see V15T1 DCI 6 test note. Supported LOX tank leak check during lunch. Had 20 min delay due to RLCC fire alarm. Noted several occurrences of previously document ground system alarms. RACS monitors remove in supprt of V12T2</p>								
CCN: Hours:								
Attachments								

Test Notes

Test Procedure/Task: Rev: Issue: DWP #: WO #: Title:				Test Date/Time: 04/09/09				
Site/Program: Decatur/Delta II		Location: Delta II Booster Checkout (D2FSCO)		Mission: WorldView-2		Effectivity: 20146		
Creator: Ettleman, Mike Phone: 256-432-1312		Work Group: Engineering			Shift: 1		Note Created: 04/09/09 0726 Note Updated:	
Title of Test: Worldview 2 Fuel float switch								
Description of Test								
The Worldview 2 fuel float switch was successfully replaced. Leak check of the new assembly will start Friday.								
CCN: Hours:								
Attachments								